

EXPRESS MAIL CERTIFICATE			
I certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: September 23, 1999			
Typed or Printed Name	Bonnie F. Wharton	Express Mail No.	EL 341 578 030 US
Signature	<i>Bonnie F. Wharton</i>	Date	September 23, 1999
<b>SUBMISSION OF SEQUENCE LISTING UNDER 37 CFR §§1.821-1.825</b>  Address to: Assistant Commissioner for Patents Washington, D.C. 20231		Attorney Docket	2300-1492
		First Named Inventor	Williams, et al.
		Application Number	N/A
		Filing Date	Herewith
		Group Art Unit	N/A
		Examiner Name	N/A
		Title: Human Genes and Gene Expression Products	

**SUBMISSION OF SEQUENCE LISTING UNDER 37 CFR §§1.821-1.825**

Box Patent Application  
 Assistant Commissioner for Patents  
 Washington, D.C. 20231

Sir:

A Sequence Listing in computer readable form as required by 37 CFR §1.821(e) and in compliance with the requirements of 37 CFR §1.824 is submitted herewith. In addition, applicant submits a paper copy of the Sequence Listing as required under 37 CFR §1.821(c) and a statement under 37 CFR §1.821(f).

I hereby state that this Sequence Listing submission, filed in accordance with 37 CFR §1.821(g), does not contain new matter. Furthermore, pursuant to 37 CFR §1.821(f), I hereby state that the content of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 CFR §1.821(c) and (e), respectively, are the same and that the sequence listings contain no new matter.

The Sequence Listing was prepared with the software FASTSEQ, and conforms with the Patent Office guidelines. Applicant respectfully submits that the subject application is in adherence to 37 CFR §§1.821-1.825.

Respectfully submitted,

Dated: Sept 23, 1999

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